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Abstract

The invention relates to an electrically heatable glow plug or a glow rod for internal combustion engines. Said glow plug has a corrosion-resistant glow pipe which is closed at the end and contains a filling of electrically non-conductive, compacted powder in which an electrically conductive coil is embedded. In order to improve the glow plug or the glow rod in respect of a longer service life for the heating coil, according to the invention the electrically conductive coil is surface-hardened, at least over part of its longitudinal extent, preferably in the region of the heating coil, in particular is nitride-hardened by a diffusion treatment. As a result, the coil can withstand the mechanical stress during the compaction process without being damaged at the outset.

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